

**Polynomial decay of solutions to integrodifferential  
equations**

Tomas Barta

*Charles University, Prague*

barta@karlin.mff.cuni.cz

We study convergence to equilibrium for second order integrodifferential equations. The speed of convergence depends on the decay of the convolution kernel, the right-hand side and the Lojasiewicz exponent. The result is valid provided one a-priori knows that the solution has a precompact trajectory.